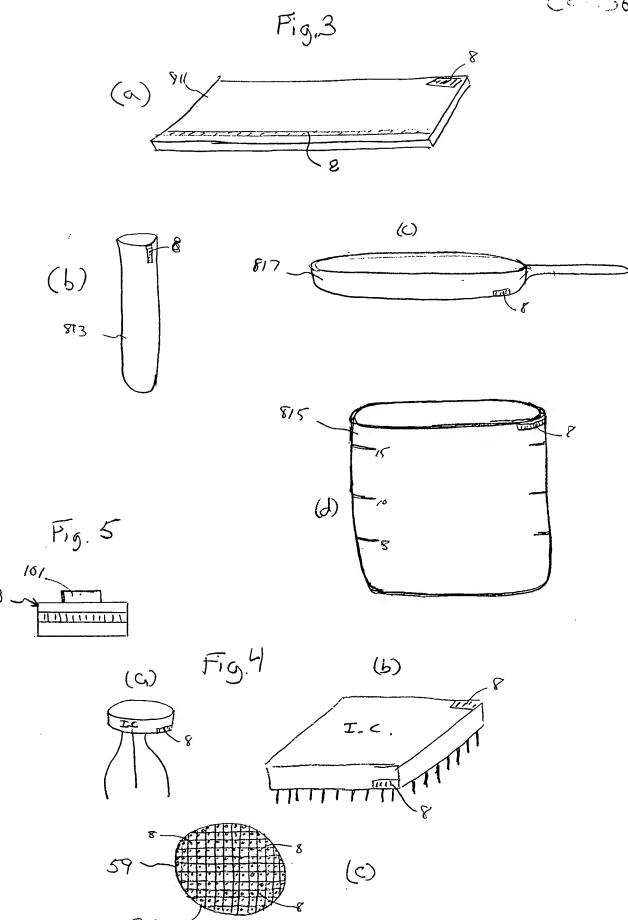
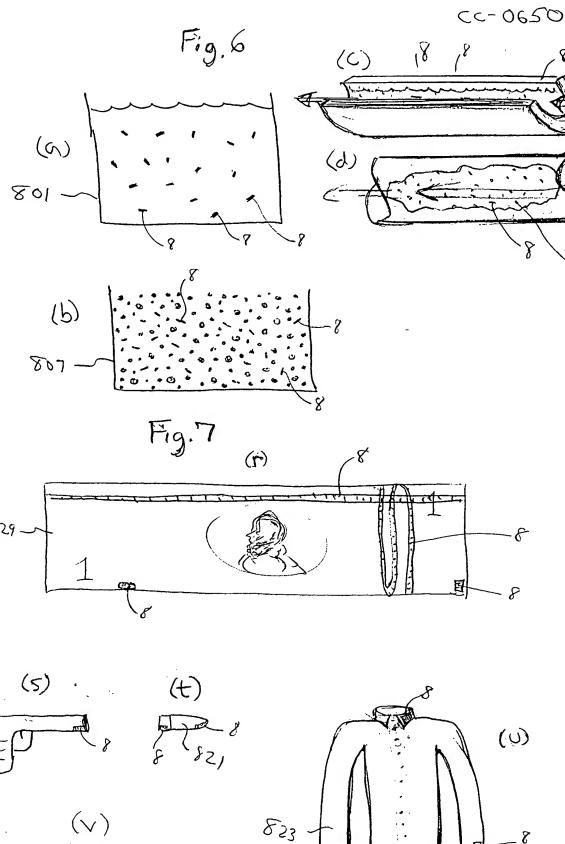
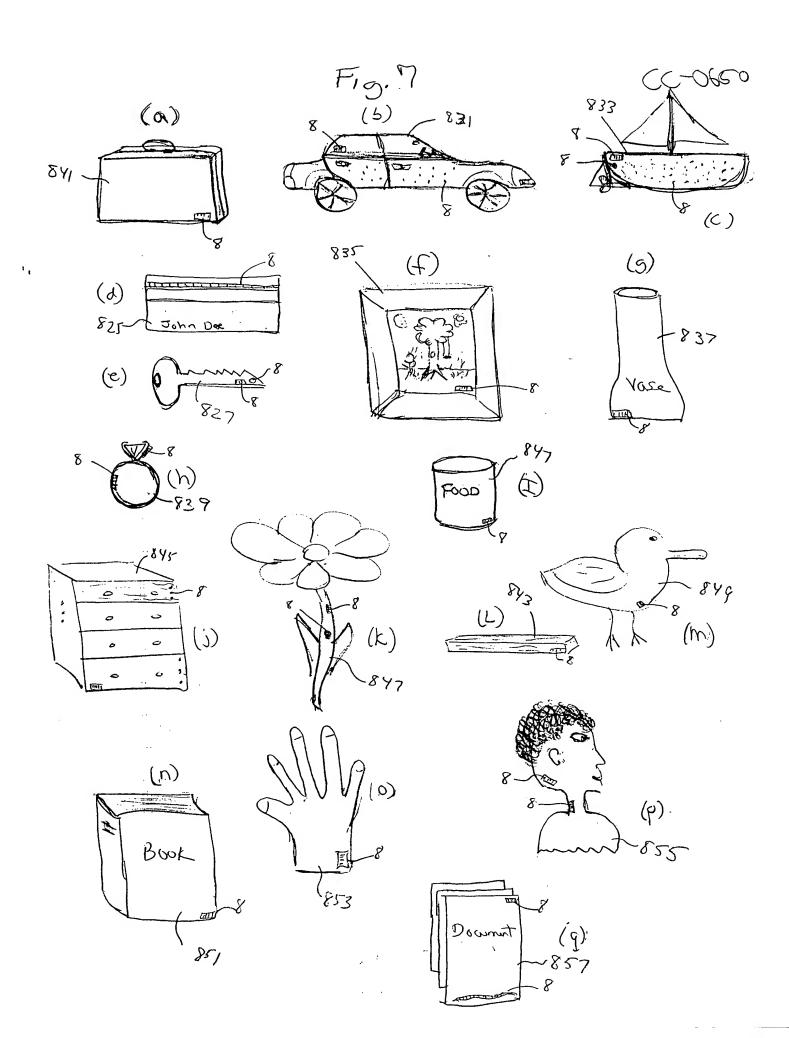


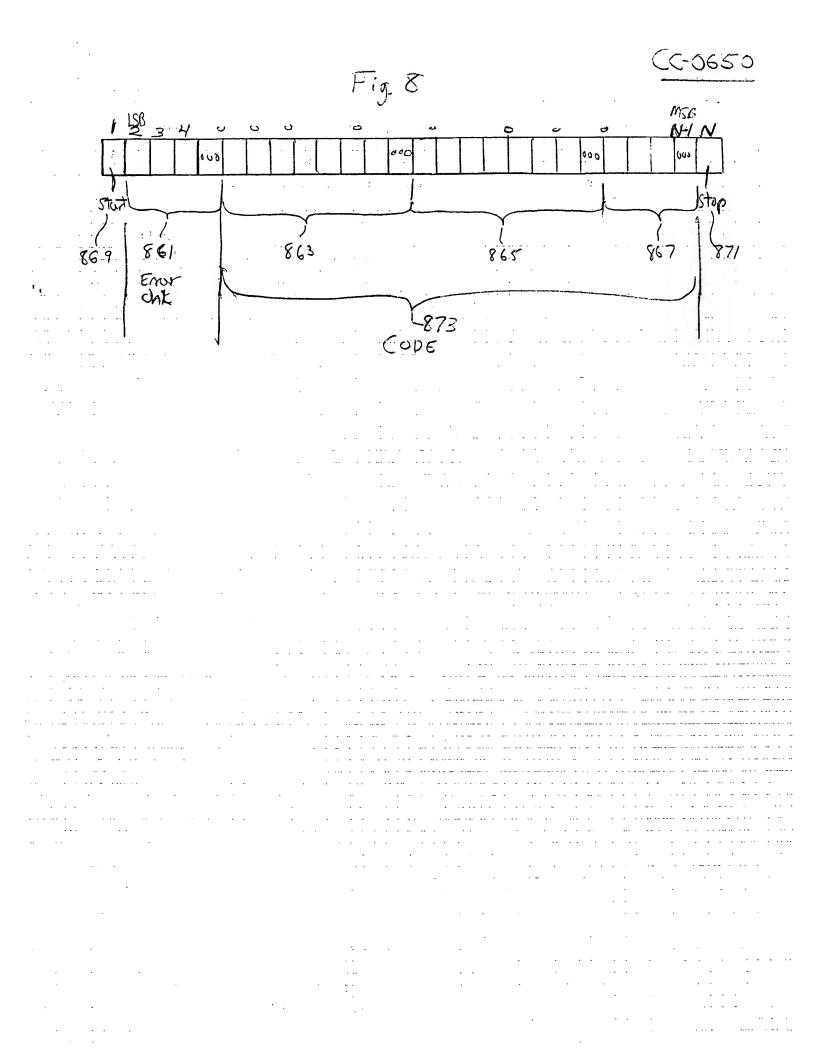
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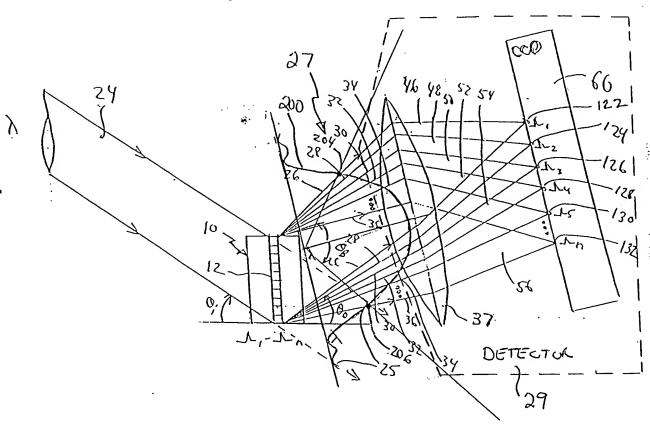


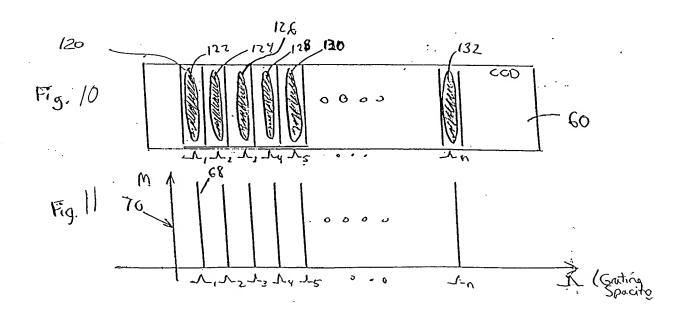
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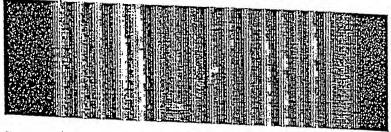




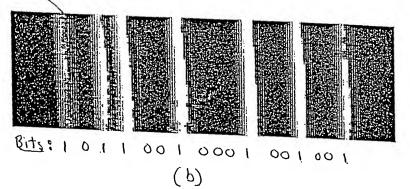


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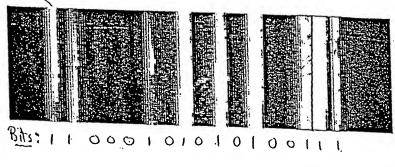
89 17 bits turned on



7 bits turned on



9 bits turned on



(c)

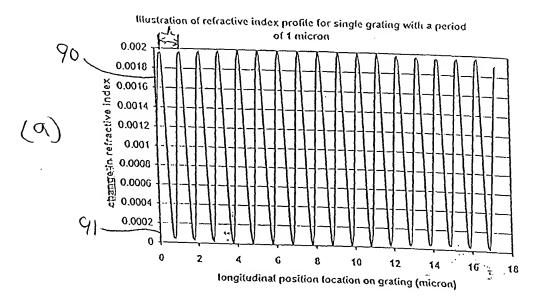


Illustration of refractive index profile for 3 colocated gratings whose period vary by 3%

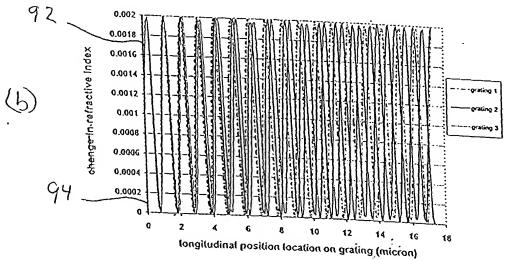
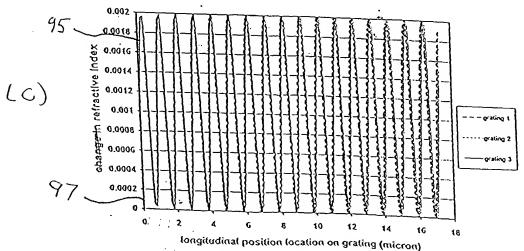


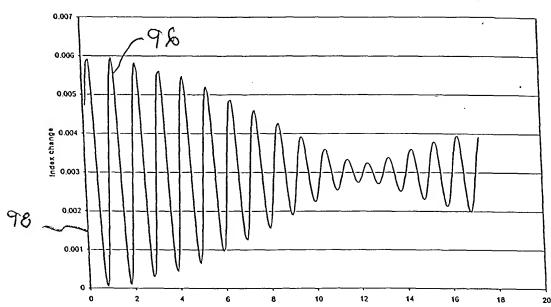
Illustration of refractive Index profile for 3 colocated gratings whose period vary by 0.3%



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Index modulation caused by superpostion of 3 gratings where the pitch between each grating varies by 3%.



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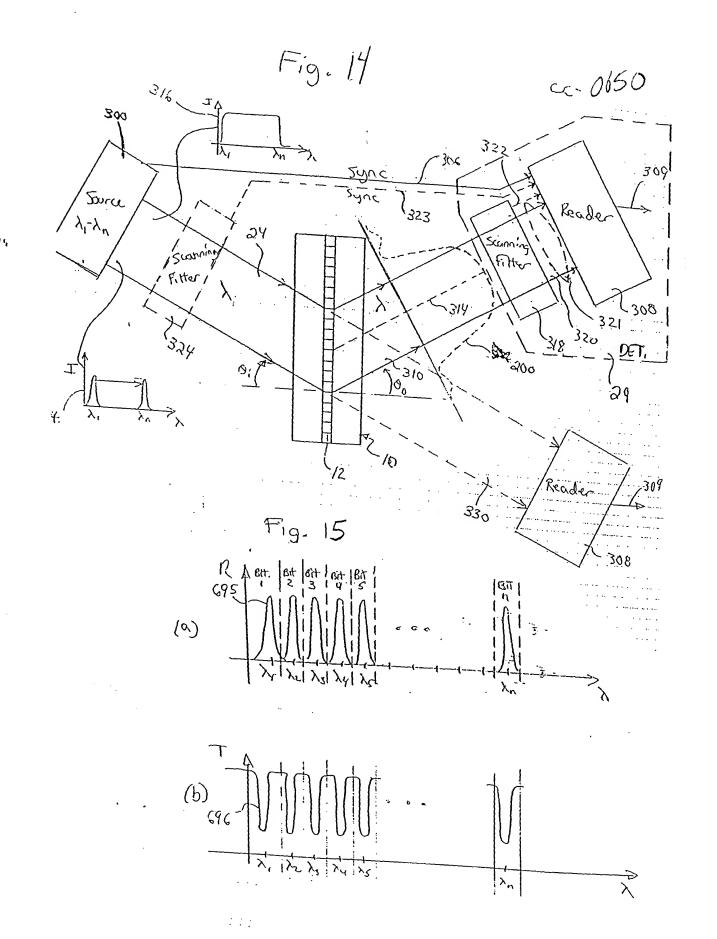
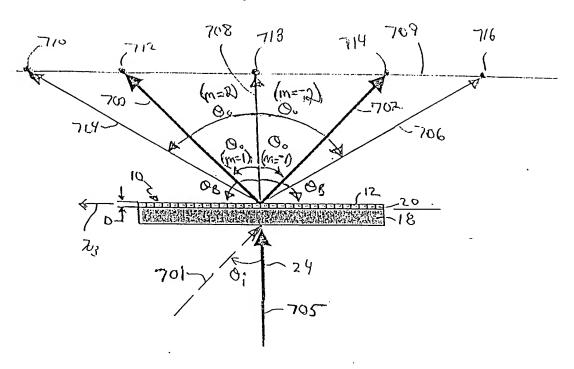
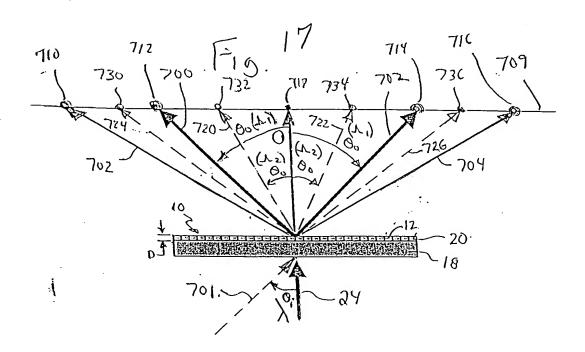


Fig. 16

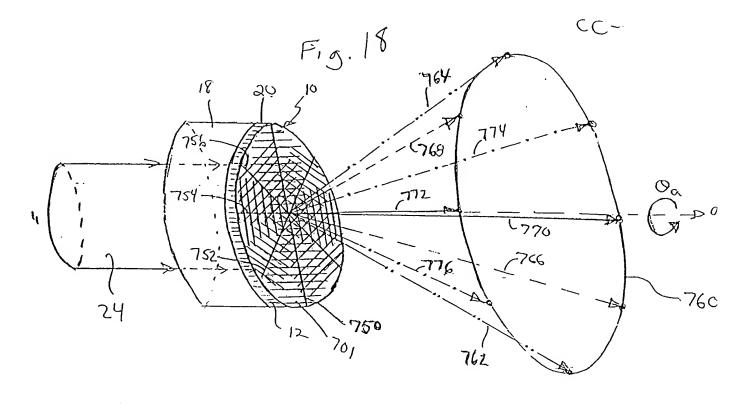
Cc-0650



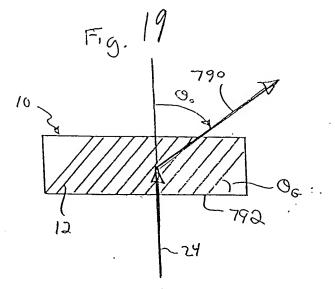


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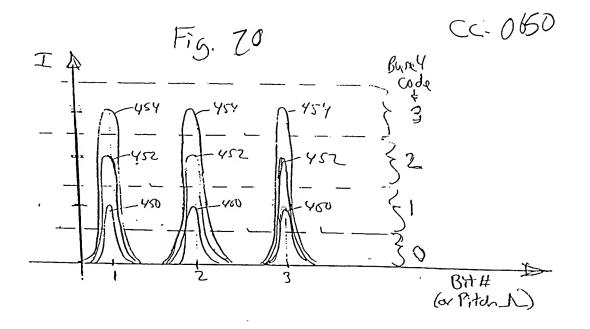


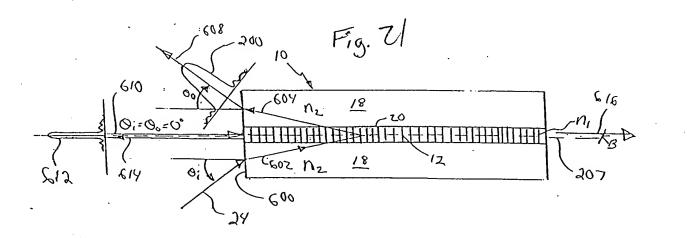
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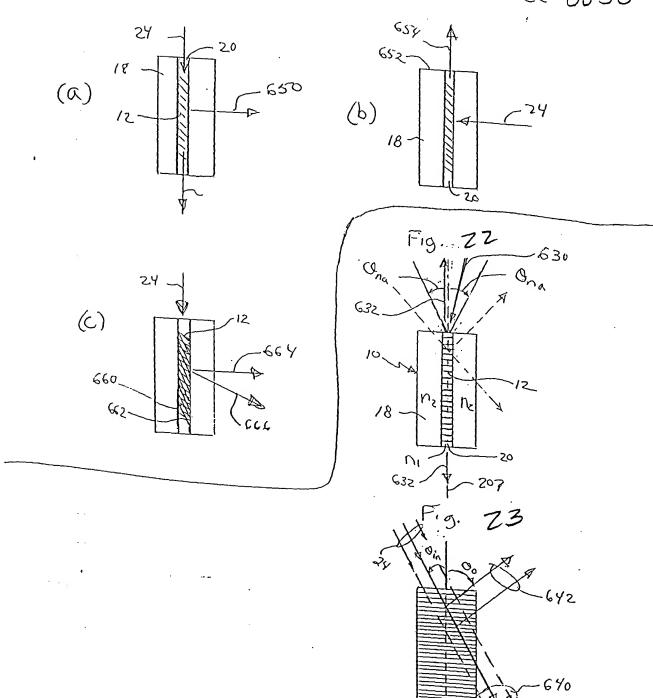
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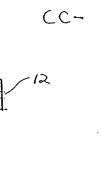


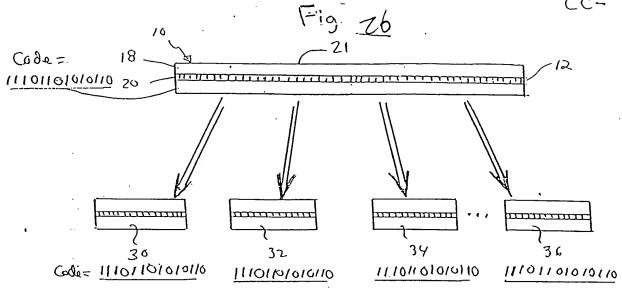
Fg. 24

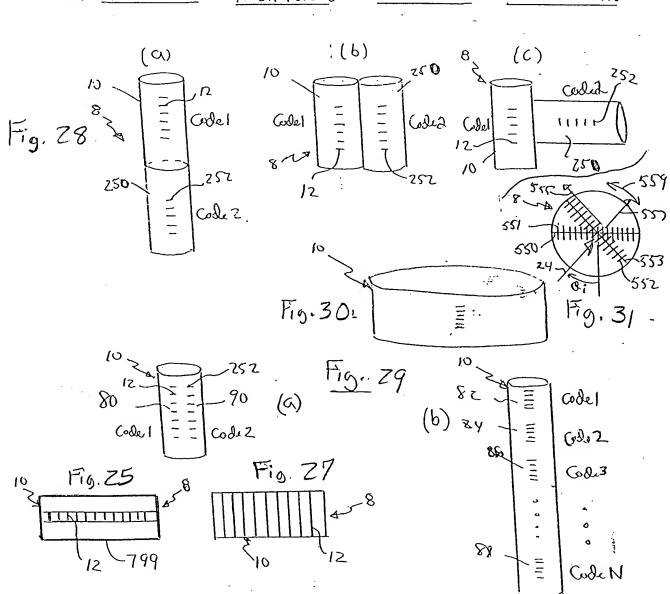
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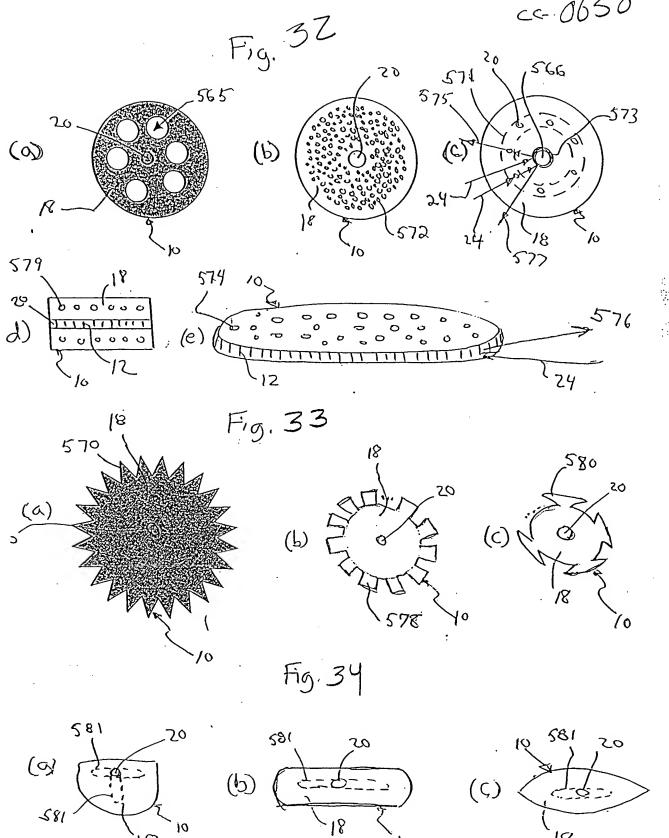


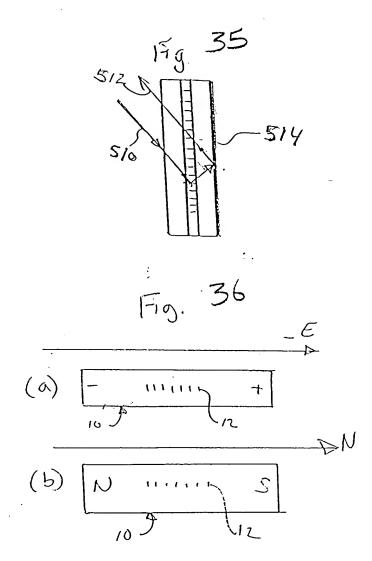
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